

10719928_LIST

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PLUS Search Results for S/N 10719928, Searched November 10, 2004

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10719928_CLS

Most Frequently Occurring Classifications of Patents Returned
From A Search of 10719928 on November 10, 2004

Original Classifications

19	600/323
5	600/310
4	600/331
3	600/322
2	250/227.21
2	356/41
2	385/20
2	439/489

Cross-Reference Classifications

11	600/323
9	356/41
9	600/322
6	600/310
6	600/331
4	600/476
4	600/479
2	250/205
2	250/227.23
2	385/53
2	439/909
2	600/324
2	600/330
2	600/336
2	600/473

Combined Classifications

30	600/323
12	600/322
11	356/41
11	600/310
10	600/331
4	600/476
4	600/479
3	600/324
3	600/473
2	250/205
2	250/227.21
2	250/227.23
2	385/20
2	385/53
2	439/489
2	439/909

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2 600/330
2 600/336

10719928 CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 10719928 on November 10, 2004

30 600/323 (19 OR, 11 XR)
 Class 600 : SURGERY
 600/300 DIAGNOSTIC TESTING
 600/309 .Measuring or detecting nonradioactive constituent of body liquid by means placed against or in body throughout test
 600/310 ..Infrared, visible light, or ultraviolet radiation directed on or through body or constituent released therefrom
 600/322 ...Determining blood constituent
 600/323Oxygen saturation, e.g., oximeter

12 600/322 (3 OR, 9 XR)
 Class 600 : SURGERY
 600/300 DIAGNOSTIC TESTING
 600/309 .Measuring or detecting nonradioactive constituent of body liquid by means placed against or in body throughout test
 600/310 ..Infrared, visible light, or ultraviolet radiation directed on or through body or constituent released therefrom
 600/322 ...Determining blood constituent

11 356/41 (2 OR, 9 XR)
 Class 356 : OPTICS: MEASURING AND TESTING
 356/39 BLOOD ANALYSIS
 356/40 .Hemoglobin concentration
 356/41 ..Oximeters

11 600/310 (5 OR, 6 XR)
 Class 600 : SURGERY
 600/300 DIAGNOSTIC TESTING
 600/309 .Measuring or detecting nonradioactive constituent of body liquid by means placed against or in body throughout test
 600/310 ..Infrared, visible light, or ultraviolet radiation directed on or through body or constituent

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released therefrom

10 600/331 (4 OR, 6 XR)
Class 600 : SURGERY
600/300 DIAGNOSTIC TESTING
600/309 .Measuring or detecting nonradioactive
constituent of body liquid by means pla
ced against or in
600/310 body throughout test
constituent ..Infrared, visible light, or ultraviolet
radiation directed on or through body or
released therefrom
600/322 ...Determining blood constituent
600/323Oxygen saturation, e.g., oximeter
600/331Calibrated

4 600/476 (0 OR, 4 XR)
Class 600 : SURGERY
600/300 DIAGNOSTIC TESTING
600/407 .Detecting nuclear, electromagnetic, or
ultrasonic radiation
600/476 ..Visible light radiation

4 600/479 (0 OR, 4 XR)
Class 600 : SURGERY
600/300 DIAGNOSTIC TESTING
600/407 .Detecting nuclear, electromagnetic, or
ultrasonic radiation
600/476 ..Visible light radiation
600/479 ...Cardiovascular testing

3 600/324 (1 OR, 2 XR)
Class 600 : SURGERY
600/300 DIAGNOSTIC TESTING
600/309 .Measuring or detecting nonradioactive
constituent of body liquid by means pla
ced against or in
600/310 body throughout test
constituent ..Infrared, visible light, or ultraviolet
radiation directed on or through body or
released therefrom
600/322 ...Determining blood constituent
600/323Oxygen saturation, e.g., oximeter
600/324And other cardiovascular parameters

3 600/473 (1 OR, 2 XR)

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Class 600 : SURGERY
600/300 DIAGNOSTIC TESTING
600/407 . Detecting nuclear, electromagnetic, or
ultrasonic radiation
600/473 .. Infrared radiation

2 250/205 (0 OR, 2 XR)
Class 250 : RADIANT ENERGY
250/200 PHOTOCELLS; CIRCUITS AND APPARATUS
250/201.1 . Photocell controls its own optical systems
250/205 .. Controlling light source intensity

2 250/227.21 (2 OR, 0 XR)
Class 250 : RADIANT ENERGY
250/200 PHOTOCELLS; CIRCUITS AND APPARATUS
250/216 . Optical or pre-photocell system
250/227.11 .. Light conductor
250/227.21 ... With light chopping or modulation

2 250/227.23 (0 OR, 2 XR)
Class 250 : RADIANT ENERGY
250/200 PHOTOCELLS; CIRCUITS AND APPARATUS
250/216 . Optical or pre-photocell system
250/227.11 .. Light conductor
250/227.23 ... With spectral frequency/wavelength
discrimination

2 385/20 (2 OR, 0 XR)
Class 385 : OPTICAL WAVEGUIDES
385/15 WITH OPTICAL COUPLER
385/16 . Switch (i.e., switching from one terminal to
another, not modulation)
385/20 .. Multiple pole multiple throw

2 385/53 (0 OR, 2 XR)
Class 385 : OPTICAL WAVEGUIDES
385/53 WITH DISENGAGABLE MECHANICAL CONNECTOR

2 439/489 (2 OR, 0 XR)
Class 439 : ELECTRICAL CONNECTORS
439/488 WITH INDICATING OR IDENTIFYING PROVISION
439/489 . Connection indicating provision

2 439/909 (0 OR, 2 XR)
Class 439 : ELECTRICAL CONNECTORS
439/909 MEDICAL USE OR ATTACHED TO HUMAN BODY

2 600/330 (0 OR, 2 XR)

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Class 600 : SURGERY

600/300 DIAGNOSTIC TESTING

600/309 .Measuring or detecting nonradioactive constituent of body liquid by means placed against or in body throughout test

600/310 ..Infrared, visible light, or ultraviolet radiation directed on or through body or constituent released therefrom

600/322 ...Determining blood constituent

600/323 Oxygen saturation, e.g., oximeter

600/330 Separation of ac/dc components in signal

2 600/336 (0 OR, 2 XR)

Class 600 : SURGERY

600/300 DIAGNOSTIC TESTING

600/309 .Measuring or detecting nonradioactive constituent of body liquid by means placed against or in body throughout test

600/310 ..Infrared, visible light, or ultraviolet radiation directed on or through body or constituent released therefrom

600/322 ...Determining blood constituent

600/323 Oxygen saturation, e.g., oximeter

600/336 Detects constituents while excluding components (e.g., noise)

ability 1
above 26
absomtion 1
absoption 3
absorbent 1
absorbers 2
abstract 1
ac 3
acceptance 1
accidental 1
accommodate 5
according 4
accordingly 3
achieve 1
activate 1
actuated 1
actuates 2
adajter 1
adapted 3
adapter 9
adaptive 10
adaptiye 1
addition 2
additional 3
advantageous 2
advantageously 6
after 2
ahd 1
air 1
al 1
all 1
allow 2
along 1
also 11
altemately 1
altemative 2
alternated 1
amplitude 4
an 49
analysis 1
and 100
anode 7
anodes 1
another 4
any 4
apparatus 3
application 3
applications 1

applied 1
appreciate 1
are 30
ared 1
art 4
arterial 3
as 68
aspect 4
assembly 1
assigned 4
assired 1
at 15
atic 1
attached 2
attenuation 1
automatic 1
back 12
background 1
backward 1
bandwidth 2
base 1
based 2
battery 1
bddition 1
be 19
been 1
beer 3
below 12
benefit 1
between 3
bipolar 4
block 9
blood 33
both 3
brief 1
broader 1
bulk 1
but 1
by 22
ca 5
cable 12
calculate 1
calibration 1
can 12
capabilities 1
capability 3
capable 1
capillaries 1

carboxyhemoglobin 1
care 2
carr 1
carrier 1
cathode 5
causes 2
causing 1
certain 1
cf 1
charactedstics 1
characteristics 3
chosen 1
ci 1
circuit 11
circuits 6
circumstances 1
claims 2
clinical 1
co 1
coefficient 2
colme 1
colmected 1
combination 4
command 8
commands 1
common 14
communicated 2
communicating 3
communication 1
compatible 5
component 6
components 1
concentration 2
concurrent 1
conditioned 1
conditions 1
conductor 2
conductors 5
configlzration 1
configurations 1
configured 13
conjunction 3
connect 7
connected 6
connection 1
connections 1
constituent 1
contigured 1

control 33
controlled 2
controller 36
conventional 7
conventionally 1
convert 1
converter 2
convetter 1
coporation 2
coptroller 1
cormect 2
cornmon 1
corpofation 1
corporation 2
correspond 1
corresponding 12
corresponds 2
cotmected 1
could 1
cross 1
cucent 1
cun 1
current 23
currents 2
cycle 5
dark 8
dc 5
ddve 1
ddvers 1
de 1
death 1
decoder 3
decodes 4
decreases 1
defaults 1
demodulate 2
demodulating 2
demodulation 2
deoxygenated 1
depending 1
derive 2
described 43
describes 1
description 2
desirs 1
detail 6
detailed 2
detec 1

detect 2
detecte 1
detecting 1
detection 2
detector 24
detectors 1
detennine 1
determine 2
determined 2
determines 2
devices 1
dg 2
diagr 1
diagram 6
diagrams 1
diagnrm 1
diagnms 2
diapam 1
diapams 3
diapnm 2
diarnms 1
digitizes 1
directly 1
disclosed 2
disclostlre 1
disconnect 1
discrete 1
display 3
distinct 1
dlive 1
dmation 1
do 1
doc 1
drawings 1
drive 96
driver 2
drivers 9
dual 1
dudng 1
duration 2
during 13
duty 5
ea 1
each 11
ear 1
early 1
easy 2
effect 1

effective 1
either 4
electrically 1
electro 1
electronic 1
electronics 1
electedrically 1
element 11
elements 2
embodiment 12
embodiments 5
emerges 1
emissions 2
emit 1
emits 4
emitt 1
emitted 1
emitter 16
emitters 21
enable 22
enabled 4
enables 8
enabling 3
encapsulated 1
encode 1
encoded 6
end 7
energy 1
ent 1
entitled 6
eqs 1
er 1
erates 1
event 1
example 6
examples 1
exnmples 2
expanded 1
expressed 1
external 1
extinction 1
fets 1
few 2
field 1
fig 117
figs 42
filed 1
fingertip 1

first 4
fjg 1
follow 1
for 32
form 1
from 17
front 3
function 2
functionally 1
functions 3
further 5
gained 1
ge 1
general 1
generalized 1
generate 2
generated 4
glucose 1
gna 1
gont 1
graph 1
graphs 1
groups 1
gupply 1
hardware 1
has 22
have 12
having 20
hb 2
hbco 1
hbo 2
hct 1
header 3
hematocrit 1
hemoglobin 4
herein 6
high 1
hine 3
home 1
hont 1
hoocsumgumg 1
identify 1
idle 2
if 1
ig 2
iia 4
iir 1
illuminating 2

illustrate 7
illustrates 13
illustrating 2
impedance 1
implements 1
important 2
in 68
incident 1
include 4
includes 4
including 4
incompatible 2
incorporated 3
incorporating 1
incorporated 6
incorporating 3
increase 1
increased 1
independently 2
indicates 1
indicator 1
individual 6
inexpensive 2
infonnation 1
information 5
infrared 1
initializes 2
injury 1
inp 1
input 22
inputs 3
inst 1
installable 1
installed 1
instead 1
instruct 1
intensity 9
intensive 1
interface 2
interfaces 1
interfacing 2
interleaved 2
interval 4
into 5
invention 2
io 2
ioa 7
iob 1

ir 12
irvine 1
is 68
isolate 2
it 4
jl 1
just 1
knmbert 1
knowing 1
law 3
least 4
led 44
leds 24
length 3
level 2
lieu 1
light 5
limit 1
limitatio 1
llable 1
ln 7
lndividual 1
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low 1
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major 1
manner 4
manual 1
manufacturer 1
manufacturing 1
many 1
masimo 5
may 21
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mctions 1
me 1
mea 1
meakurements 1
means 5
measlzrement 1
meastzrements 1
measure 2
measured 2
measurement 18
measurements 1
measuring 1

mechanical 1
medical 1
methemoglobin 1
method 4
metllb 1
minimum 1
mlabs 1
mnnner 1
model 1
modification 8
modifications 1
modulated 1
monitor 37
monitors 2
monltor 1
more 4
mounted 1
mrmner 1
multiparnmeter 1
multiple 38
multiplexer 4
multiplicity 1
name 2
necessity 1
nects 1
need 1
ng 1
nm 2
no 5
noise 1
noninvasive 2
nonnally 1
not 4
november 1
nsor 1
num 1
number 3
numbers 1
numerical 1
occurrence 3
of 114
off 2
on 13
one 18
ones 2
only 2
onsisting 1
ont 2

ontroller 1
operate 2
operating 1
operation 2
opposite 1
optical 7
or 32
order 1
ordinary 1
othemise 1
other 8
otherwise 1
output 21
outputs 6
over 3
overhead 1
oximeter 3
oximeters 3
oximetry 21
oxygen 10
oxygenat 1
oxygenated 1
pa 1
page 15
pair 20
pairs 4
paix 1
parallel 1
parameter 14
parameters 4
parnmeter 10
parnmeters 1
particular 7
particularly 1
patent 7
pathlength 1
patient 5
pattem 2
pattems 2
pattern 5
peasure 1
pedod 1
per 1
perform 1
period 12
periods 16
photodiode 11
photodiodes 2

physically 2
pinouts 9
plug 2
plurality 1
pmicular 3
polarity 2
port 1
portion 1
positioned 1
power 5
pply 1
practical 1
pre 1
predetennined 1
predetermined 7
preferred 1
present 2
prior 3
priority 1
probability 1
probe 2
procedure 2
process 4
processing 3
processor 7
program 1
project 1
properly 1
proportional 1
provide 11
provided 3
provides 7
providing 1
provisional 1
pulls 1
pulsatile 1
pulse 31
pulses 2
radiation 6
range 3
rapid 1
rate 2
readily 1
readout 1
receive 6
receiver 1
receives 1
red 18

reduces 1
reference 7
reflection 1
related 1
relativ 1
relative 1
remainder 1
replace 1
represents 1
required 1
resistor 1
respect 31
respectively 3
response 10
responses 1
responsive 1
result 1
resulting 1
risk 1
route 1
routed 1
routes 2
routing 1
rs 1
rticular 1
same 1
sampling 9
sattlratlon 2
saturation 6
schel 1
schematic 2
scope 1
second 3
select 2
selectable 2
selected 16
selecting 2
selection 3
selects 4
send 3
sensor 89
sensors 1
sensoy 1
separate 1
sequence 8
sequentially 3
sharing 1
shown 9

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sign 1
signal 54
signals 5
significant 2
similar 7
similarly 1
simple 1
single 3
sipnal 1
sipzal 1
sipzificant 1
siral 18
sirals 2
site 17
skill 1
smc 1
smchronized 1
snme 1
snmpling 1
so 29
soaware 1
softtvare 1
software 10
solution 4
solve 1
some 1
sorware 2
sot 1
sources 1
species 1
spectral 1
states 1
status 1
steps 2
substitute 1
such 20
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supplies 1
supply 2
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surgical 1
switch 7
switches 9
sync 17
synchronize 1
synchronizing 1

system 22
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terval 1
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than 2
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then 2
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this 5
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those 3
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three 5
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thus 1
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timing 14
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tlzree 1
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tooling 1
top 1
total 1
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transmission 3
transmit 1
transmitted 3
transmitter 5
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ttlnz 1
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two 10
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typical 3
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under 2
unipolar 4
unique 3
unit 1
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upgraded 5
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versus 2
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waveform 7
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